

## **PHMC Contract Overview**

**D. G. Ruscitto, President and Chief Executive  
Officer/(509) 376-1998**



***Hazardous Waste  
Operations and  
Emergency Response  
(HAZWOPER) training  
at HAMMER***



***One of three new ambulances  
due for delivery to the  
Hanford Fire Department this  
summer***



***New Outside Storage Unit in  
200 Area Nearing Completion***

## Overview

This section of the report is intended to provide an executive-level performance overview. Unless otherwise noted, all information is as of June 2009.

Included in this section are descriptions of significant accomplishments considered to have made the greatest contribution toward safe, timely, and cost-effective progress against the contract with RL; project cost summary analysis; and overviews of safety and critical issues that identify the high-level challenges to achieving cleanup progress.

## Notable Accomplishments

### Safeguards and Security (PBS RL-0020)

- Completed all Interim Storage Area (ISA) individual and integrated hardware system acceptance testing including the Perimeter Intrusion Detection and Assessment System (PIDAS), PIDAS Camera Systems, and Fiber Loop Communications.
- Completed all ecology block installations for the Property Protected Area Vehicle Barrier in support of the ISA.
- Completed internal construction on an Outside Storage Unit (OSU) in the 200 Area in support of the Slightly Irradiated Fuel (SIF) project.

### Nuclear Facility Decontamination and Decommissioning (D&D), Remainder of Hanford (PBS RL-0040)

- **Closure Services and Infrastructure**
  - Completed installation of a 12-inch alternate potable water line to T Plant Complex (L-399, *12-Inch Potable Water Supply to T-Plant*) approximately three weeks ahead of schedule.
  - Completed construction for L-645, *609 Building Fire Station (100-N) Potable Water System*.
  - Initiated definitive design activities for L-317, *Refurbish 200 East Raw Water Reservoir*, and L-677, *200 East/West Raw Water Piping Modifications*.
- **HAMMER**
  - The Chronic Beryllium Disease Prevention Program (CBDPP) has been signed off by DOE-RL and DOE-ORP. HAMMER Beryllium Programs will be meeting to lay out the Project Schedule for developing and implementing the new Beryllium Worker Training Curriculum in support of the new CBDPP.

### General Site Services (GSS)

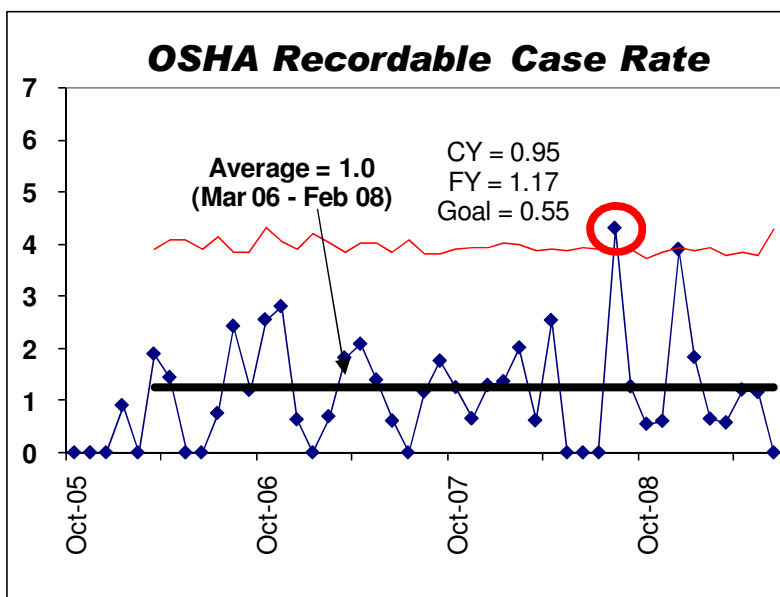
- The Waste Sampling and Characterization Facility (WSCF) successfully placed three fume hoods into service on June 28, 2009, two weeks ahead of the July 15, 2009 due date.
- The annual Field Exercise for RL was conducted on June 18, 2009.
  - Included participation by states and counties in Washington, Oregon and DOE-HQ.
- The DOE-RL Records Management Program Plan was completed and signed.

## Safety Overview

The focus of this section is to document trends in occurrences. FH continues to focus on improving safety through the efforts of the PHMC workforce as they implement the Integrated Environmental Safety and Health Management System, work towards achieving and maintaining Voluntary Protection Program "Star" status, and accomplish work through enhanced work planning. Safety and health statistical data is presented below. The safety charts are reported according to Occupational Safety and Health Administration (OSHA) standards.

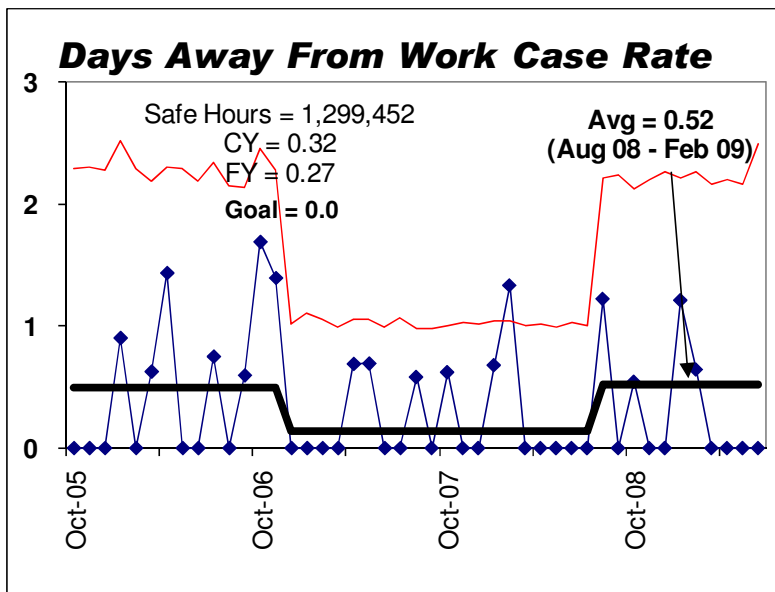
NOTE: Fiscal Year 2009 started October 1, 2008. These charts reflect the work scope of the PHMC with the Plateau Remediation Contract scope removed. Both the current and the historic data have been revised to reflect the PHMC scope.

### Total OSHA Recordable Case Rate:



The OSHA recordable rate for June is zero. Five months in a row have been below average, nearing a significant improving trend.

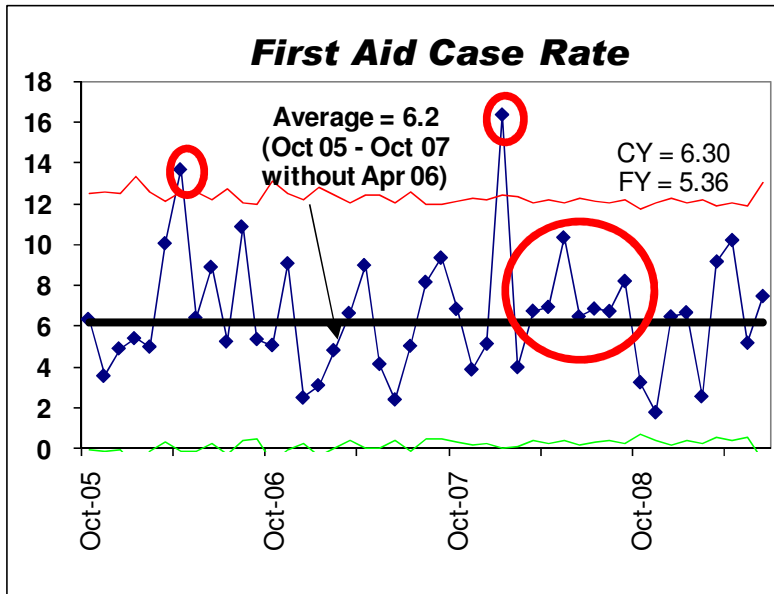
### OSHA Days Away From Work (DAFW) Case Rate:



The DAFW case rate has been zero for four months in a row.

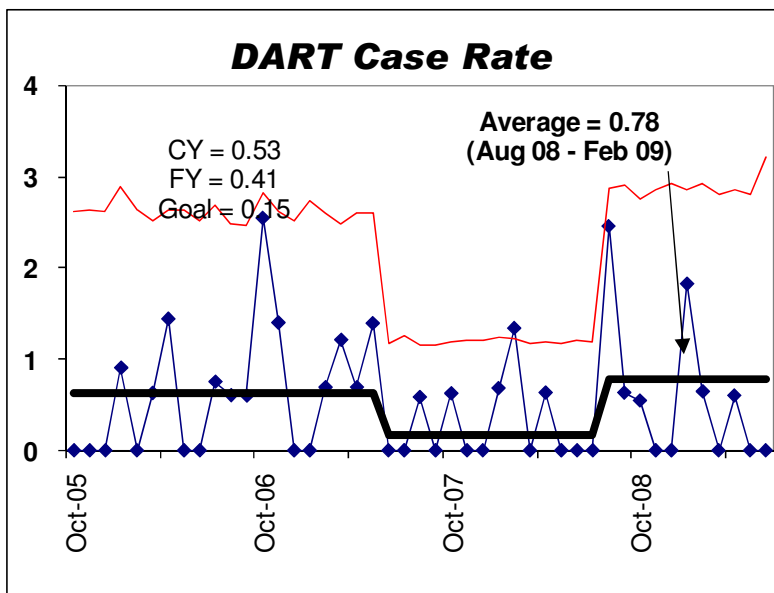
## Safety Overview, continued

### First Aid Case Rate:



In April, the first aid case rate was nearing a trend, but changes to injury classifications returned the rate once again to the baseline, where it has remained for two months.

### Days Away Restricted/Transferred (DART) Case Rate:



DART case rate in June is zero. The DART case rate has been below average for nine out of the last ten months, one month away from a significant improving trend.

## Schedule/Cost Performance (\$M)

Both Current Month and Fiscal Year to Date performance is presented below. Variances addressed are at the Fiscal Year to Date level.

Current Period (June)	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance	Cost Variance	Budget At Completion (FY 2009)
RL-0020 Safeguards & Security	\$5.0	\$5.1	\$5.0	\$0.1	\$0.1	\$68.6
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$3.3	\$1.5	\$2.8	-\$1.8	-\$1.3	\$21.9
RL-0041 Nuclear Facility D&D, River Corridor Project	\$0.1	\$0.1	\$0.0	\$0.1	\$0.1	\$0.5
RL-0044 B Reactor	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2
RL-0100 Richland Comm & Reg. Supt. - B Reactor	\$0.1	\$0.2	\$0.2	\$0.1	\$0.0	\$0.9
General Site Services	\$10.7	\$11.1	\$9.8	\$0.4	\$1.3	\$166.4
<b>Subtotal Sub-project Work scope</b>	<b>\$19.3</b>	<b>\$18.1</b>	<b>\$17.8</b>	<b>-\$1.2</b>	<b>\$0.3</b>	<b>\$258.4</b>
<b>Total Work For Others</b>	<b>\$8.9</b>	<b>\$8.8</b>	<b>\$6.6</b>	<b>\$0.0</b>	<b>\$2.2</b>	<b>\$96.9</b>
<b>Total FH Contract Work scope</b>	<b>\$28.1</b>	<b>\$26.9</b>	<b>\$24.4</b>	<b>-\$1.2</b>	<b>\$2.5</b>	<b>\$355.3</b>

Variance threshold is +/- \$1M or 10%

Fiscal Year 2009 To Date	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance	Cost Variance	Budget At Completion (FY 2009)
RL-0020 Safeguards & Security	\$48.7	\$48.1	\$47.3	-\$0.7	\$0.7	\$68.6
RL-0040 Nuclear Facility D&D, Remainder of Hanford	\$12.9	\$11.7	\$12.2	-\$1.2	-\$0.5	\$21.9
RL-0041 Nuclear Facility D&D, River Corridor Project	\$0.3	\$0.3	\$0.2	\$0.1	\$0.1	\$0.5
RL-0044 B Reactor	\$0.1	\$0.1	\$0.1	\$0.1	\$0.0	\$0.2
RL-0100 Richland Comm & Reg. Supt. - B Reactor	\$0.5	\$0.5	\$0.3	\$0.1	\$0.1	\$0.9
General Site Services	\$127.3	\$126.9	\$120.2	-\$0.3	\$6.7	\$166.4
<b>Subtotal Sub-project Work scope</b>	<b>\$189.8</b>	<b>\$187.5</b>	<b>\$180.3</b>	<b>-\$2.3</b>	<b>\$7.2</b>	<b>\$258.4</b>
<b>Total Work For Others</b>	<b>\$65.1</b>	<b>\$65.0</b>	<b>\$60.7</b>	<b>\$0.0</b>	<b>\$4.4</b>	<b>\$96.9</b>
<b>Total FH Contract Work scope</b>	<b>\$254.9</b>	<b>\$252.6</b>	<b>\$241.0</b>	<b>-\$2.3</b>	<b>\$11.6</b>	<b>\$355.3</b>

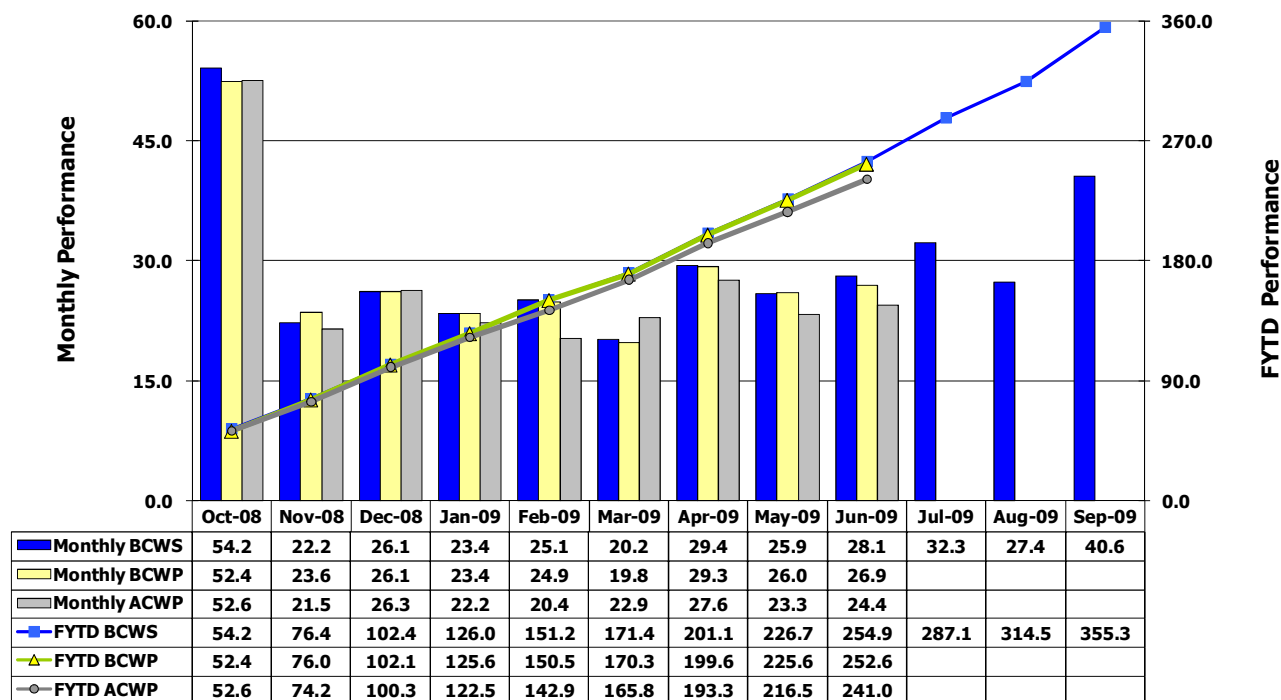
Variance threshold is +/- \$1M or 10%

**FYTD Schedule Performance:** Fiscal year to date contract schedule performance reflected a -\$2.3M/-0.9 percent unfavorable variance. The most significant schedule variance is discussed in Section B, *Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford*.

**FYTD Cost Performance:** Fiscal year to date contract cost performance reflected a +\$11.6M/+4.6 percent variance. The most significant cost variance is discussed in Section D, *General Site Services*.

## Schedule/Cost Performance, continued (\$M)

**Performance Status**  
FYTD and Monthly (\$M)



## Milestone Performance

Hanford Federal Facility Agreement and Consent Order (abbreviated and referred to as the "Tri-Party Agreement") milestones represent significant events in project execution. The FY 2009 Enforceable Agreement milestone information provided herein is based upon the current baseline including RL-approved changes.

The PHMC had only one Tri-Party Agreement milestone due in FY 2009: M-026-01S, *Annual Hanford Land Disposal Restrictions Summary Report*, due on April 30, 2009. It was completed ahead of schedule.

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	Total FY 2009
Enforceable Agreement	1	0	0	0	0	0	0	1



## Government Furnished Services/Items Look Ahead

Listed below are the near-term RL action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open GFS/I from prior periods) are shown. Items shaded in "green" indicate on-time or early completion. Items shaded in "pink" are overdue. NOTE: GFS/I data is through July 16, 2009, with a seven-day grace period.

Ref ID	GFS/GFI	Commitment Date	Completed Date	RL Letter No.	Needed Contract Deliverable FH Letter No. & Date Complete	Responsibility
GF0187	DOE letter of direction to affected Hanford Site contractors to submit their specific EMS Management Plan to FH 45 days before plan due date, or no later than August 17, 2009	17-Aug-2009			CD0683 FH Site Wide Environmental Management System (EMS) Management Plan <b>Due:</b> September 30, 2009	Environment, Safety, Health, & Quality
GF0189	DOE letter of direction to affected (450.1A and/or 430.2B) Hanford Site contractors to submit/provide concurrence on the CY2009 Hanford Site EMS Sustainability Goals to FH <b>Due:</b> June 1, 2009	1-Jun-2009			TBD <b>Due:</b> (FY2010)	Environment, Safety, Health, & Quality
GF0194	DOE will provide the Baseline Update Guidance to FH by June 12, 2009	12-Jun-2009			CD0725 PBI-1.1b2: Baseline development for FY010 and beyond in support of MSA commitment <b>Due:</b> August 23, 2009	Project Systems & Support
GF0200	DOE will provide letter of direction and the funding guidance needed <b>Due:</b> July 12, 2009	12-Jul-2009			CD0664 PBI-2.2g: Design and bid and contract release preparation and purchase order issued to LMSI for HLAN Phase II upgrades <b>Due:</b> July 15, 2009	Business Services

## Contract Deliverables Look Ahead

Listed below are the near-term FH Contract Deliverable action/commitments required to support FH's accelerated cleanup. Only data for the next 30 days (including any open Contract Deliverables from prior periods) are shown. Items shaded in "green" indicate on-time or early completion. Items shaded in "pink" are overdue. NOTE: All contract deliverable data is through July 16, 2009, with a seven-day grace period.

Ref ID	Deliverable	Planned Date	Completed Date	FH Letter No.	Needed GFS/GFI RL Letter No. & Date Complete	Responsibility
CD0114	Nuclear Material Accountability Transaction Data Report (Jul 2009) <b>Due:</b> Monthly	13-Aug-2009			None Identified	Safeguards & Security
CD0115	Nuclear Material Balance Report (Jul 2009) <b>Due:</b> Monthly	15-Aug-2009			None Identified	Safeguards & Security
CD0119	Classification Officers Report (3rd Qtr 2009) <b>Due:</b> Quarterly	20-Jul-2009			None Identified	Safeguards & Security
CD0126	Inspection Record Reports (Sewer System O&M Activities to DOH) <b>Due:</b> Annually	31-Jul-2009			None Identified	Closure Services & Infrastructure
CD0151	Hanford AOP Semi-Annual Report (2nd Half 2009) <b>Due:</b> Semi-Annually	17-Aug-2009			None Identified	Environment, Safety, Health, & Quality
CD0169	Contract Performance Report (Jun 2009) <b>Due:</b> Monthly	31-Jul-2009			None Identified	Project Systems & Support
CD0173	Financial Information System (FIS) Standard Accounting and Reporting System (STARS) (Jul 2009) <b>Due:</b> Month-End Deadlines	11-Aug-2009			None Identified	Business Services

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## Contract Deliverables Look Ahead, continued

Ref ID	Deliverable	Planned Date	Completed Date	FH Letter No.	Needed GFS/GFI RL Letter No. & Date Complete	Responsibility
CD0179	Contract Funds Status Report (Jun 2009) <b>Due: Monthly</b>	28-Jul-2009			None Identified	Business Services
CD0271	Depreciation Charges (Jul 2009) <b>Due: Monthly</b>	11-Aug-2009			None Identified	Business Services
CD0275	Fiscal Year 200X Contractor Post Retirement Benefits Other Than Pension (PRB) for DOE Financial Statement Disclosures (FAS 106) <b>Due: Annually</b>	18-Jun-2009			None Identified	Business Services
CD0281	Fluor Hanford, Inc., Cost Submittal FHXXXX (Jul 2009) <b>Due: Monthly</b>	11-Aug-2009			None Identified	Business Services
CD0285	Internal Audit Quarterly Status Report (3rd Qtr 2009) <b>Due: 20 Days After FY Quarter End</b>	22-Jul-2009			None Identified	Internal Audit
CD0286	Lead and Copper Monitoring Report <b>Due: Tri-Yearly</b>	23-Jul-2009			None Identified	Closure Services & Infrastructure
CD0300	200E, 200W Area Drinking Water Report (Jul 2009) <b>Due: Monthly</b>	10-Aug-2009			None Identified	Closure Services & Infrastructure
CD0310	FY 200X Internal Audit Annual Plan <b>Due: June 200X</b>	15-Jun-2009			None Identified	Internal Audit
CD0401	Performance Analyses and Identification of Recurring Occurrences (3rd Qtr 2009) <b>Due: Quarterly</b>	22-Jul-2009			None Identified	Environment, Safety, Health, & Quality
CD0594	Breakdown (by contractor) of BPA power and transmission billing (May 2009) <b>Due: Monthly</b>	20-Jul-2009			None Identified	Closure Services & Infrastructure
CD0604	TPA milestone status reports and statistics (Jul 2009) <b>Due: Monthly</b>	17-Aug-2009			None Identified	Environment, Safety, Health, & Quality
CD0640	Cost Management and Status Report for each Legacy Plan (See H.26(a)(10)) (3rd Qtr 2008) <b>Due: Quarterly</b>	14-Aug-2009			None Identified	Workforce Services
CD0648	Pension Trust Statement (3rd Qtr 2009) <b>Due: Quarterly</b>	14-Aug-2009			None Identified	Workforce Services
CD0649	Meeting Minutes of the Fernald Benefits Quarterly Committee meetings (2nd Qtr 2009) <b>Due: Quarterly</b>	17-Aug-2009			None Identified	Workforce Services
CD0691	Annual Forecast of Services and Infrastructure <b>Due: August 1, 2009</b>	1-Aug-2009			None Identified	Project Systems & Support
CD0734	PHMC Closeout Plan <b>Due: July 30, 2009</b>	30-Jul-09			GF0206 Contracting Officer Letter of Direction Due: June 2, 2009 Completed: May 27, 2009 <a href="#">09-PRO-0418</a>	Business Services